

# **INVERTER GENERATOR USER'S MANUAL**

**MODEL: H2750iS**



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Thank you for buying our inverter generator.

- The copyright of this specification belongs to our company.
- Any contents of the manual shall not be copied without the written permission of the company.
- The company reserve the right of modification of product and revision of the manual without any notice.
- This book is an integral part of generators and should be incidental to the sale of generators.
- This manual includes instructions for the operation and maintenance of generators. Please read the instruction carefully before using, otherwise the wrong operation may lead to safety trouble or equipment damage. Proper and safe operation will extend the service life of generator.
- The company will continue to innovate and improve the design and quality of products.
- All the contents of this book are in line with the latest products at the time of printing this book.
- If there is any trouble, or do not know about the generator, please consult the after-sales service department of the company.



### WARNING

**As long as follow the operation of this manual book, the company's inverter generator is safe and reliable. Be sure to read the manual before using, otherwise the wrong operation will lead to safety risks or equipment damage.**

**The instructions may vary according to the type of generator.**

## **SAFETY INFORMATION**

To ensure personal and property safety, please read the following carefully.

### **1. SAFETY INFORMATION**

Before use, add gasoline to the red ring in the tank!



#### **WARNING**

**The engine tail gas contains carbon monoxide, and it is strictly prohibited to run the generator at the place where the indoor or the ventilation is not good.**

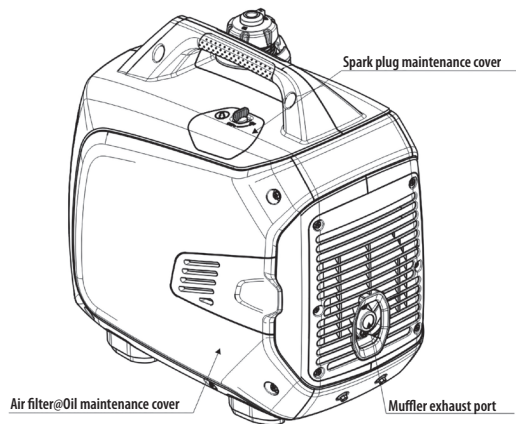
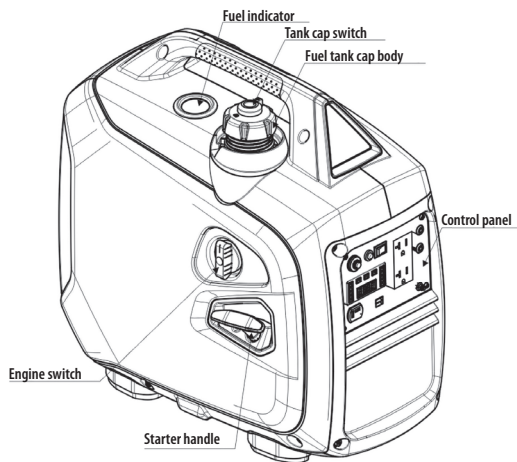
- Ensure that adequate ventilation is provided while the generator is in operation.
- The muffler is hot when the generator is running and just stopping. Be careful not to touch it.
- Under certain conditions, gasoline is extremely flammable and explosive.
- Be sure to add gasoline in a well-ventilated place. Turn off the engine and let it cool before filling.
- When refueling, keep away from the open fire.
- If there is oil spill while refueling, wipe the spilled gasoline immediately.
- Using should be prohibited in places with high fire risk.
- Do not connect the generator to the power system, or it may cause people to die from electric shock when they come into contact with the wire; damage the generator or damage the home appliance.
- A pre-operation check must be performed before starting the engine to avoid accidents or equipment damage.
- Generators must operate at least one meter away from the building and other equipment.
- Please put the generator on the horizontal ground. If the generator is tilted, it may cause gasoline overflow.
- Be sure to master how to quickly shut off generators and understand the operation of all control components.
- Children and pets must stay away from the operating area. While the engine is running, all personnel must be away from its rotating parts.
- If the operation is not proper, there is a potential danger to the generator. Do not operate the generator with a wet hand.
- Do not operate in the rain, snow, lest wet generator.
- Maintenance of generators to be operated by professionals.

**! WARNING**

**It is strictly forbidden to use in an indoor or enclosed environment**

- Do not use in environments with explosion hazard.
- The operation and maintenance of equipment requires the use of personal protective equipment such as gloves, earmuffs, etc.

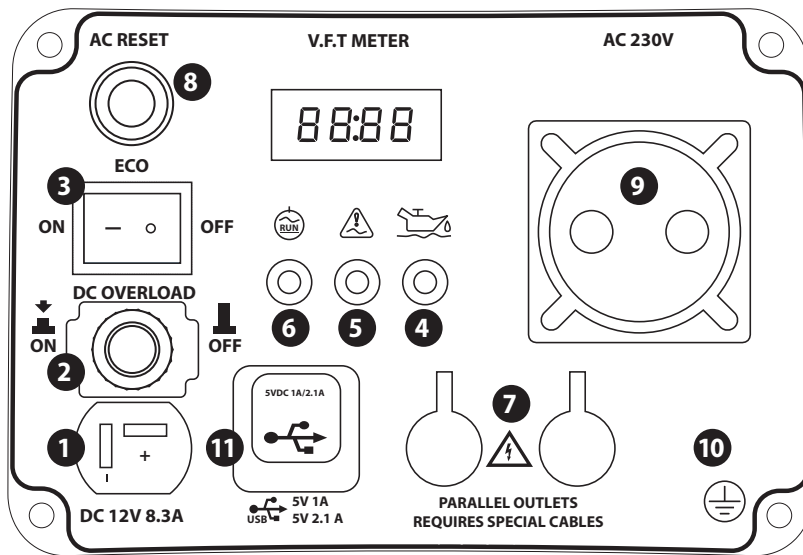
**2. COMPONENTS IDENTIFICATION**



## COMPONENTS IDENTIFICATION

### 2.1 Control Panel

- |                               |                              |                       |
|-------------------------------|------------------------------|-----------------------|
| 1. DC output socket           | 5. Failure indicator (Red)   | 9. AC output socket   |
| 2. DC overload protector      | 6. Running indicator (Green) | 10. Ground protection |
| 3. ECO switch                 | 7. Parallel socket           | 11. USB output socket |
| 4. Low oil indicator (Yellow) | 8. AC overload protector     |                       |



### 2.2 ECO switch

#### Energy conservation

- When the energy-saving switch is in the energy-saving position, the generator is in the energy-saving state. When disconnecting or using low power, the engine automatically returns to a low speed state, thus reducing engine fuel consumption.

#### Full speed

When the energy-saving switch is in full-speed position, the engine will remain in a high speed state



**In order to reduce the change of voltage, the energy saving switch should be in the position of "full speed" when the electrical equipment needs a large instantaneous power, or when the generator is connected with the load of the high power apparatus at the same time.**

- When using 12 V DC output, put the energy-saving switch in full-speed position.

- "full speed" means that the energy-saving state is off and the engine is always at high speed, which is suitable for the situation where the load of electrical appliances varies greatly.



**In the non-overload state, the output can not be restored by pressing the reset key.**

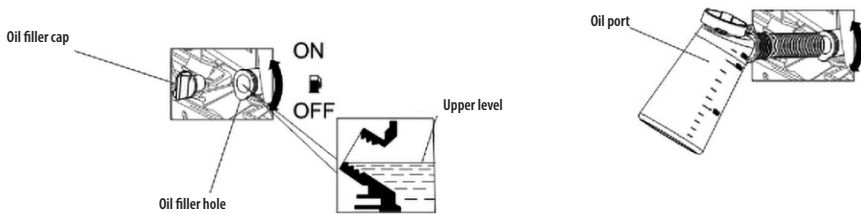
- Each time the engine is started, the number of effective operation times of the protection cut-off switch is 5 times, or the engine needs to be restarted.

### 3. PRE-OPERATION CHECK

Before using, make sure the generator is on the horizontal floor and do not start the engine.

#### 3.1 Check oil level

Remove the dipstick and wipe it with a clean cotton cloth. Rerotate into the crankcase and remove. Check the oil level. If the oil level is below the oil gauge indicator line, please add oil.



- Do not use 2-stroke oil or detergents-free oil, otherwise the engine life will be shortened.
- Use high-quality 4-stroke oil that meets or exceeds the SJ classification of the American Petroleum Association required by American automakers.
- Select oil suitable viscosity according to the average temperature in your area.

The SAE viscosity grade is shown in the following table:

<u>Environmental temperature</u>	<u>Oil type</u>
-25°C–30°C	10W-30
-15°C–40°C	15W-40

## PRE-OPERATION CHECK



### WARNING

**Store and use oil carefully to prevent dirt or dust from falling into the oil. When adding oil, wipe the area around the refueling opening. Do not mix different specifications of oil to prevent negative effects on oil performance.**



### WARNING

**Running the engine when the oil level is low can seriously damage the engine.**

- The engine oil alarm system automatically shuts off the engine before the oil level is lowered to safety limits. However, in order to avoid inconvenience caused by unexpected shutdown, we recommend that you check the oil level regularly.

## 3.2 Check fuel level

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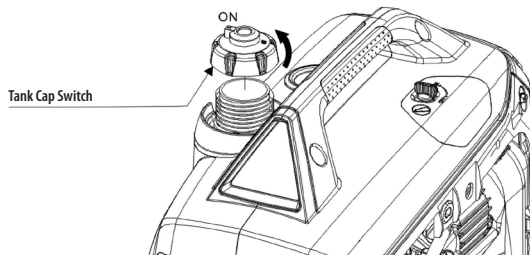
- Please use unleaded gasoline, 92# or higher level.
- Do not use a mixture of oil and gasoline or dirty gasoline.
- Prevent dirt and water from entering the tank.
- Do not use gasoline containing more than 10% ethanol or gasoline containing methanol, otherwise the engine will be seriously damaged.



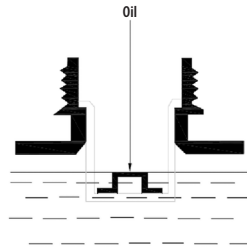
### WARNING

**Under certain circumstances, gasoline is extremely flammable and explosive.**

- Please refuel in a well-ventilated place and shut down the engine. No pyrotechnics are allowed in the engine refueling area and gasoline storage area.
- Gasoline shall not overflow the tank (the oil level is lower than the red oil level indicator). After refueling, tighten the tank cover.
- After refueling, dry the remaining gasoline with a clean and soft cloth.
- Avoid prolonged, repeated contact with gasoline or inhalation of gasoline vapor.
- Do not allow children to touch gasoline.





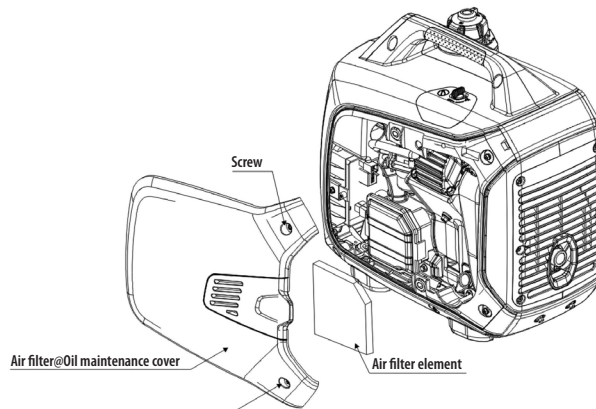


Tank capacity: 4.0L

### **3.3 Check air cleaner**

Check the air filter to make sure it is clean and functional.

- A) Loosen the air cleaner maintenance cover screw and remove the air filter maintenance cover.
- B) Snap open the Air Cleaner cover, and remove it.
- C) Take out the air filter element. If necessary, clean or replace the filter element.



**! WARNING**

- The engine is not allowed to run without an air filter element, otherwise the dirt will enter the engine through the carburetor and cause rapid wear and tear.

## 4. STARTING THE ENGINE



### WARNING

**Disconnect the electrical equipment from the alternator's AC socket before starting the engine.**

- For initial use (long unused, start after gasoline is used up), turn the engine switch knob to "ON" position for 10 to 20 seconds before starting, so that gasoline can enter the engine carburetor.

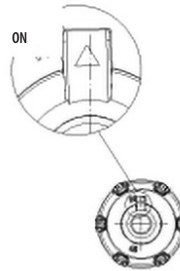
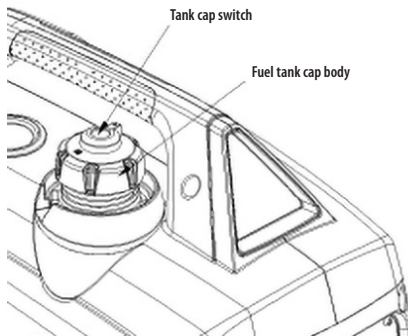


### WARNING

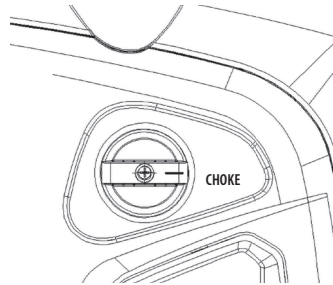
**It is strictly forbidden to use in indoor and closed environment.**

1. The tank cap switch rotates to "ON" position.

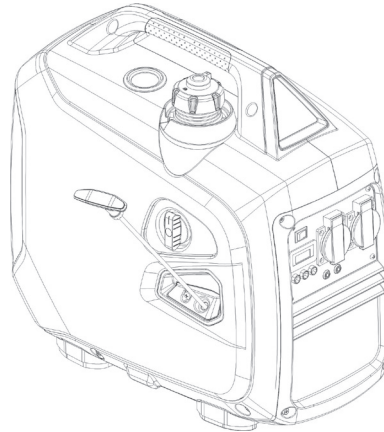
Note: When the generator is being transported, the oil tank cover switch shall be cranked to the position of the "OFF".



2. Turn the engine switch knob of the generator to the "CHOKE" position.



3. Pull out the choke lever completely.  
Note: when the engine is hotter or the ambient temperature is higher, the choke lever does not need to be pulled out.
4. Gently pull the start handle until the resistance is felt, and then quickly pull in the direction shown by the arrow in the figure below.



**! WARNING**

**Pay attention to pull the starting handle, the pull angle should not be too large, to prevent the handle from wearing the housing.**

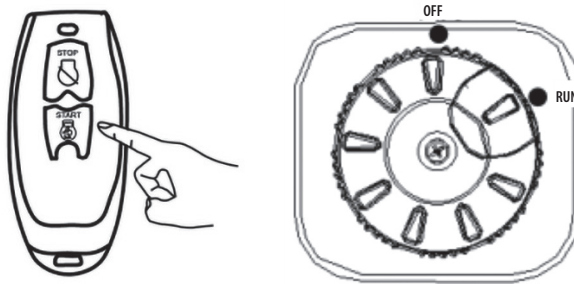
- Do not allow the starting handle to rebound and retract automatically to avoid damage to the shell. Slowly put the starting handle back.

5. When the engine is running, turn the engine switch to the running position.

### **4.1 Remote control starting**

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1. Confirm whether the load is within the rated power range of the generator;
2. Rotate the start switch to place the Start button in the "running" position a, open the fuel oil B, open the ignition system c, power on the remote control
3. Press the "START" button of the remote control key, and the generator will START by itself (in order to avoid misoperation, the operation delay function is provided, please press the remote control button for about 1-2 seconds when operating the remote control);
4. When the generator starts, place the AC circuit protector in the "connected" position, then the electrical load can be used.



#### **WARNING**

**When the lithium ion battery leaves the factory, it is required whether the storage capacity can be more than 50% of the capacity. When running the generator configured by remote control for the first time, please start the engine by hand and let the machine run continuously for more than 2 hours to finish charging, otherwise, the service life of the battery will be shortened.**

When the remote-controlled generator can't be started after more than 3 times of remote-controlled start operation, please press the "OFF" button of the remote-controlled key, stop the repeated start, and switch to hand-pull start, or conduct remote control operation after troubleshooting, otherwise the starting motor and storage battery will be damaged. When the Dynamo is not in use for a long time, please put the start button of the start switch in the "off" position, in case that the Dynamo is in the standby state and the battery loses power, which leads to the failure of remote control start and the shutdown of fuel oil, prevent oil leakage events.

The following matters should be paid attention to in daily use of the starting battery of the generator set in order to protect the starting battery and prolong the battery life:

- 1.** Theoretically, the battery power should be kept above 60%, which is more helpful to prolong the service life of the battery.
- 2.** When starting the generator, please be careful not to start the generator continuously for several times in a short time to avoid damaging the storage battery or circuit. If the generator cannot be started for 5 times in a row, please stop the machine for inspection or send it to the special maintenance point for inspection and maintenance.
- 3.** If it is unused for a long time, please cut off the negative pole of the battery wiring after the battery is fully charged, and place the unit in a dry and cool place for storage. The self-discharge of the battery is affected by the ambient temperature and humidity, high temperature, high humidity environment will accelerate the self-discharge of the battery. And the battery should be charged and supplemented monthly to maintain the battery power at more than 60%, so as to avoid irreversible capacity loss caused by too low capacity caused by self-discharge of the battery.
- 4.** If it is found that the battery of the unit cannot be charged or cannot be started, please check whether the battery is exhausted or damaged. If only the battery is exhausted, start the generator to charge or charge the battery through the charger, if the battery is damaged or the capacity is too low, replace the battery.
- 5.** When the battery runs out or the battery is damaged, the generator can still be started in the following ways:

There are two ways to start the external DC12V power supply:

- a)** Connect the DC12V output socket of the control panel to the external DC12V power supply connect the external DC12V power supply to the DC12V output socket or terminal Post of the control panel of the generator set through the wire plug. Then the generator can be started by normal hand pull starting through the starting handle.

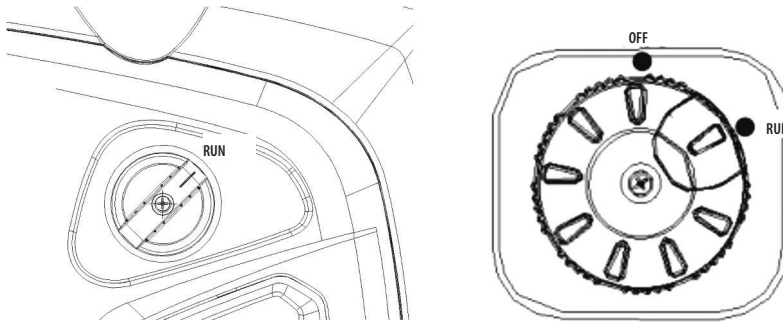
This method is to provide power for the system to make the generator set control system work and cooperate with the operator to start the generator. Note that remote control start or electric start cannot be used normally at this time, please do not try to avoid damaging the electrical system.

## **STARTING THE ENGINE**

**b)** Connect DC12V storage battery or external DC12V power supply to the storage battery of the generator set in parallel. After removing the maintenance door. Connect the standby DC12V battery or DC12V power supply to the battery terminal in parallel. This way is to provide power for the system to make the generator set control system work and cooperate with the operator to start the generator.

Note that if the adopted battery or power supply specification is not less than the DC12V battery that comes with the unit, it can be started by hand, electric or remote control. If the low-power DC12V power supply is adopted, it can only be started by hand to avoid damaging the electrical system or starting the DC12V power supply, because the current provided by the general low-power DC12V power supply is not enough to start the generator.

**6.** When the engine is running, turn the engine switch to the running position.



### **WARNING**

**If using generators above 1500 meters above sea level, please contact our distributor to replace plateau carburetor. (The plateau carburetor cannot be used at low altitude, otherwise the engine will be damaged by overheating.)**

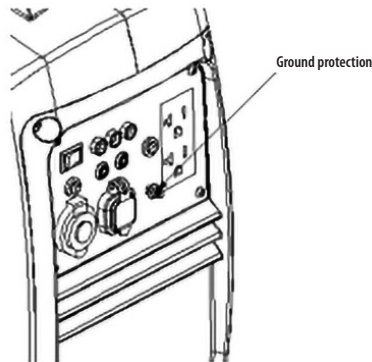
- After replacing the plateau carburetor, the generator power correction refers to chapter 12 of this manual.

## 5. USING THE GENERATOR

### WARNING

**In order to prevent electric shock due to improper use, the generator shall be grounded.**

- As a backup power source, the generator cannot be connected to the grid company's power system.



### WARNING

**Do not overload the generator.**

- Do not connect the generator to the power grid company's household power system, otherwise it may cause people to die from electric shock when they come into contact with the wire; and damage the generator or the household appliances.
- Do not run in parallel with other generators.
- Do not lengthen engine exhaust pipe.
- For extended cables, use flexible cables such as rubber sleeves (compliant with IEC245 or corresponding requirements). Cable length limit: 2.5mm<sup>2</sup> cable length 60 m; 4.0mm<sup>2</sup> cable length 100m.
- Keep generators away from other wires and cables, such as distribution networks

### WARNING

**When using AC power, you can use DC power at the same time.**

- If using both AC and DC output sockets, note that the total power does not exceed the sum of AC and DC power.

## USING THE GENERATOR

### 5.1 DC application

The output voltage of DC socket is 15-20 V. For 12V DC load only.

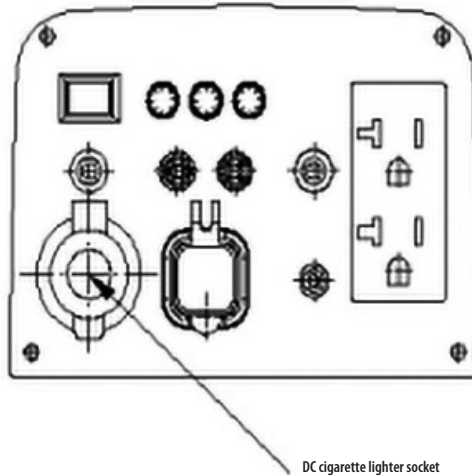
1. Start the engine



#### WARNING

**When AC power is used, DC power supply can be used.**

2. Overload of DC may make DC over protector act. Firstly, remove the DC load, wait for a few minutes, and then reset the button of DC protector.



### 5.2 AC application

1. Start the engine, make sure the AC output light (green) is on.
2. Turn off the power supply switch and plug the device into the generator's output socket.
3. In order to obtain the best operation effect and the maximum service life of the generator, the new generator should run for at least 20 hours under 50% load, so that the engine performance can be optimized.



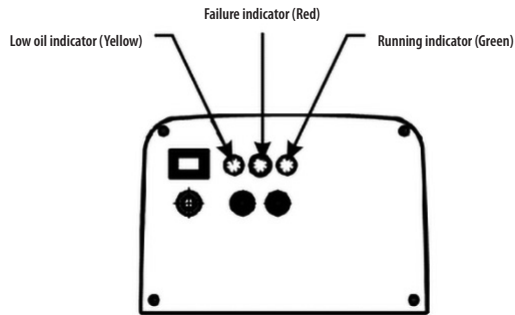
#### WARNING

**Before connecting the alternator output, make sure the electrical equipment is working properly. If during use, the electrical equipment suddenly stops working or is not working properly, the electrical equipment should be immediately disconnected and the engine is stopped.**



### **5.3 Operation indicator light, fault indicator light.**

- Under normal operating conditions, the operating indicator (green) light is on.
- If the generator is overloaded, or if the connected electrical equipment is short-circuited, the operating indicator light (green) is extinguished, and the fault indicator (red) is turned on, the output power will be cut off, but the engine will still operate.
- If the fault indicator (red) lights are on, disconnect the electrical equipment first. If the fault indicator (red) is extinguished and the operation indication (green) is on, reconnect the electrical equipment, otherwise shut down the engine and check for malfunction.



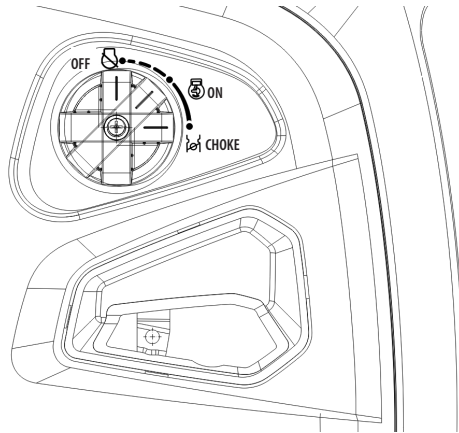
### **5.4 Low oil level alarm system**

- The low oil level alarm system is designed to prevent engine damage due to insufficient oil in the crankcase. The low oil level alarm system automatically shuts down the engine before the engine oil in the crankshaft box is lowered to safety (the generator engine switch remains “on”).
- After the low oil level alarm system shuts down the engine, if you start the engine again, the low oil alarm indicator (yellow) lights up and the engine cannot run. If this happens, please fill in the oil.

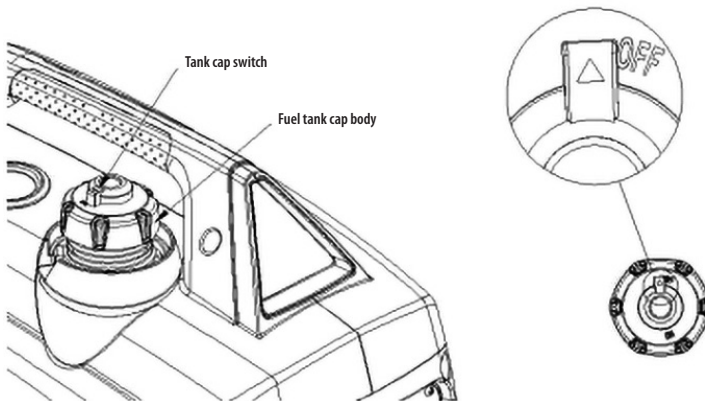
## 6. STOPPING THE ENGINE

**To stop the engine in an emergency, turn the Engine Switch to the "OFF" position**

1. Switch off the connected electrical appliances, and pull out the generator output plug.
2. Turn the Engine Switch to the "OFF" position.



3. After the engine has cooled down completely, turn the fuel tank cap switch counterclockwise to the "OFF" position.



### **WARNING**

**Be sure the fuel tank cap switch and Engine Switch locate the "OFF" position, when stopping, transporting and storing the generator.**

## 7. MAINTENANCE

The purpose of maintenance and periodic maintenance is to keep the generator in the best operating condition.



### WARNING

Stop the engine before performing any maintenance. If the engine must run, be sure the area is well ventilated because of the exhaust contains poisonous carbon monoxide gas.



### WARNING

To ensure the quality, please use our original spare parts or the same quality parts when replacing damaged parts.

### Maintenance Schedule

Regular Service Period <sup>(3)</sup>		Each use	First month or 10 hrs	Every 3 months or 50 hrs	Every 6 months or 100hrs	Every 2 years or 200 hrs
Item						
<b>Engine oil</b>	Check level	●				
	Replace				●	
<b>Air cleaner</b>	Check	●				
	Clean			● <sup>(1)</sup>		
<b>Spark plug</b>	Check-adjust			●		
	Replace					●
<b>Spark Collector</b>	Clean				●	
<b>Valve Clearance</b>	Check-adjust					● <sup>(2)</sup>
<b>Fuel tank &amp; filter</b>	Clean				●	
<b>Cylinder</b>	Clean		After every 300 hrs <sup>(2)</sup>			
<b>Fuel line</b>	Check		Every 2 years (Replace if necessary) <sup>(2)</sup>			

(1). Maintenance more frequently when used in dusty areas.

(2). The maintenance items in this part need professional maintenance tools and skills.

(3). If it is used commercially, the maintenance frequency can be increased due to long-term use.

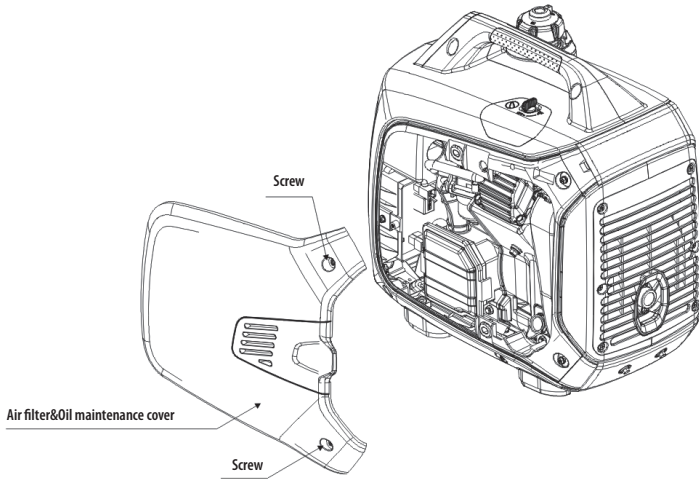
## **MAINTENANCE**

### **7.1 Change Oil**

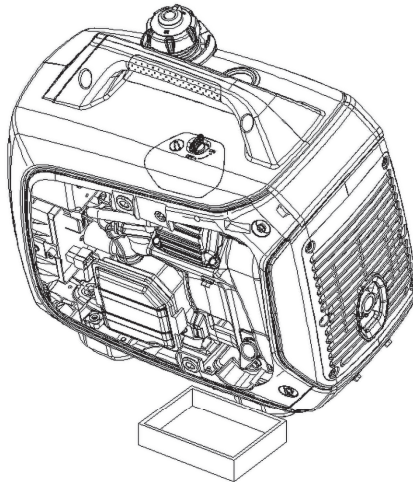
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**When the engine shut down, the oil should be removed quickly and completely.**

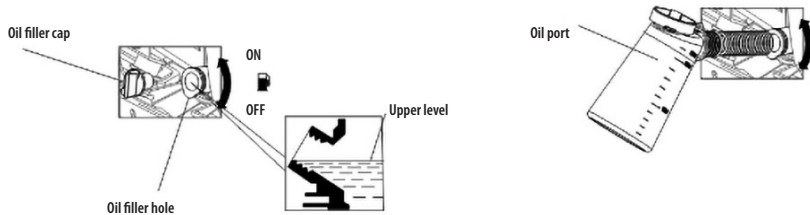
1. Loosen the air filter maintenance cover screw and remove the air filter maintenance cover.



2. Take out the dipstick
3. Drain out dirty oil.



4. Refill the recommended oil and check the oil level.



5. Re-install the air filter maintenance cover and tighten the dipstick.

**! WARNING**

**For conforming to the environment requirement, the used oil will be put into a sealed container and then be transported to the service station for recycle. Do not throw it into the trash or pour it on the ground.**

**7.2 Air Cleaner**

**A dirty Air Cleaner will restrict air flow into the carburetor. Please clean and maintain the air cleaner regularly to prevent carburetor from breaking down, If generators are often used in high dust areas, they need to be maintained more frequently.**

**! WARNING**

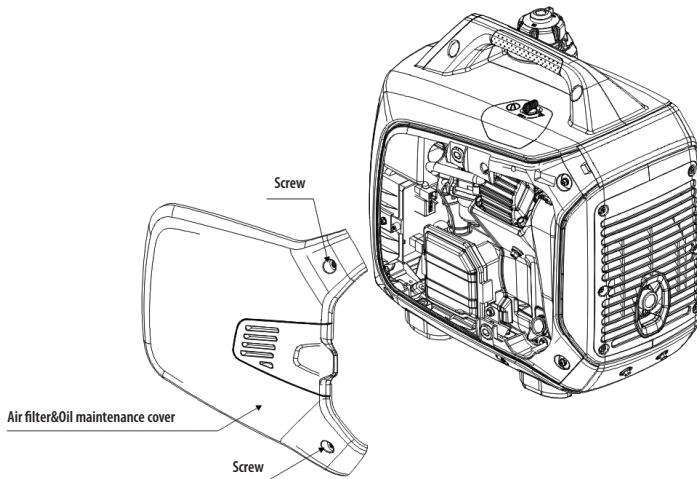
**Do not use gasoline or low ignition point solvents for cleaning. They are flammable and explosive under certain conditions.**

**! WARNING**

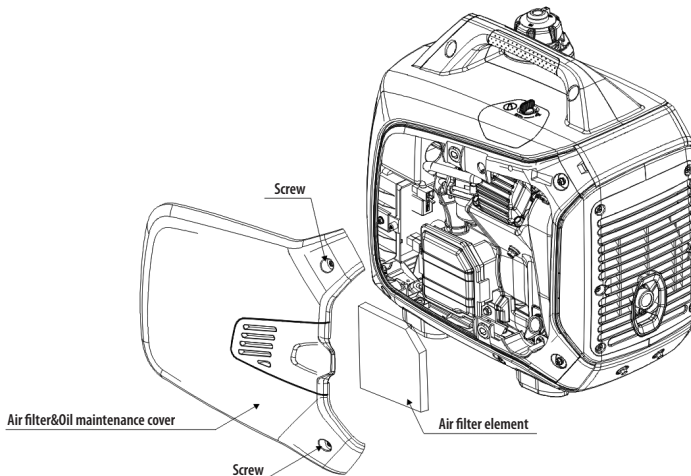
**Never run the generator without air cleaner, otherwise that result in engine abrasion rapidly.**

## **MAINTENANCE**

1. Loosen the maintenance cover screws and remove the maintenance cover.

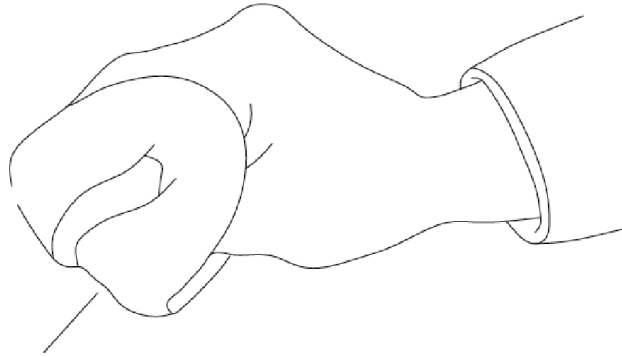


2. Snap open the Air Cleaner cover, and remove it.



3. Take out the Air Cleaner element, and clean it with non-flammable or high flash point solvent (for example, kerosene, motorcycle engine oil), then dry it.

4. Clean the filter element with clean oil, and squeeze out the redundant oil.



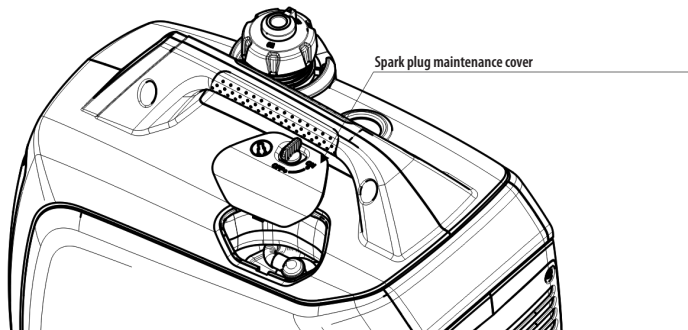
5. Re-install the Air Cleaner element and cover
6. Re-install the maintenance cover, and tighten the screws.

### **7.3 Spark Plug**

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**In order to ensure normal engine operation, spark plug clearance must be appropriate, spark plug no carbon.**

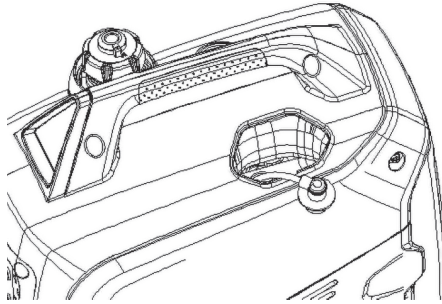
1. Remove the spark plug maintenance cover



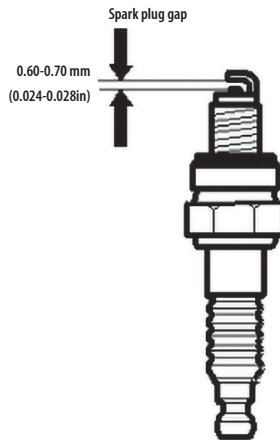
2. Take off the spark plug cap

## MAINTENANCE

3. Take off the spark plug with the spark plug spanner.



4. Visual inspection the spark plug. Change a new one if its insulator cracked or chipped. Clean it with a wire brush if the spark plug is reused.
5. Measure the spark plug gap with a standard gauge. The normal value should be: 0.6-0.7mm (0.024-0.028in).



### WARNING

**The Spark Plug must be securely tightened. Tightening in wrong way will cause Spark Plug hot, even damage the engine. Never use a spark plug with an improper heat range.**



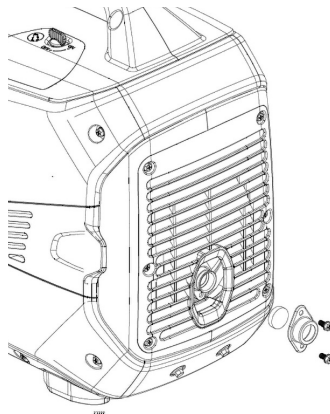
1. Install the Spark Plug carefully, by hand, to avoid cross-threading.
2. A new Spark plug ,by hand ,should be tightened 1/2 turn with a spanner,and press the washer. A used Spark plug should be tightened 1/8 to 1/4 turn with spanner.
3. Re-install the spark plug cap .
4. Re-install the spark plug maintenance cover,and tighten the screws.

## **7.4 Spark Collector**



**The spark collector must be maintained for every 100 hours of engine operation.**

1. When the muffler is cooled, loosen the screws from the muffler outlet and take off the spark collector.
2. Use a brush to clean the carbon deposits on the spark collector. If the spark collector is damaged, and replace it.
3. Re-install the spark collector.



## 8. TRANSPORTING/STORING

Avoid fuel spilling during transporting or temporary storing, both the engine switch and the fuel cap vent leveler should turn to "OFF" position, and the generator should place in normal operating position. After the engine is completely cooled, turn the tank cap switch counterclockwise to the "off" position.



### WARNING

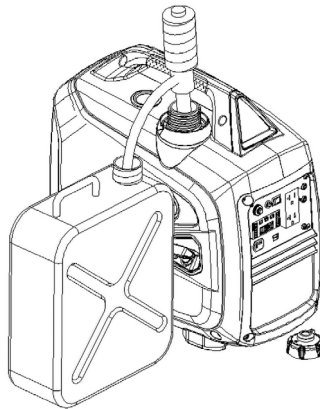
#### When transporting the generator:

- Do not overfill the fuel tank. (No residual fuel on the neck of tank)
- Do not use the generator on the transport vehicle. The generator should be removed from the car. The generator should be used under a good ventilated condition.
- Avoid exposing directly in the sunshine
- When the generator place in the enclosed transport vehicle for a long time. The high temperature inside the vehicle could cause fuel to vaporize resulting in a possible explosion.
- The generator must not be transported a long time on rough road. If you have to drive on a road like this, drain off the gasoline and oil beforehand.

#### 8.1 Storage for a long period

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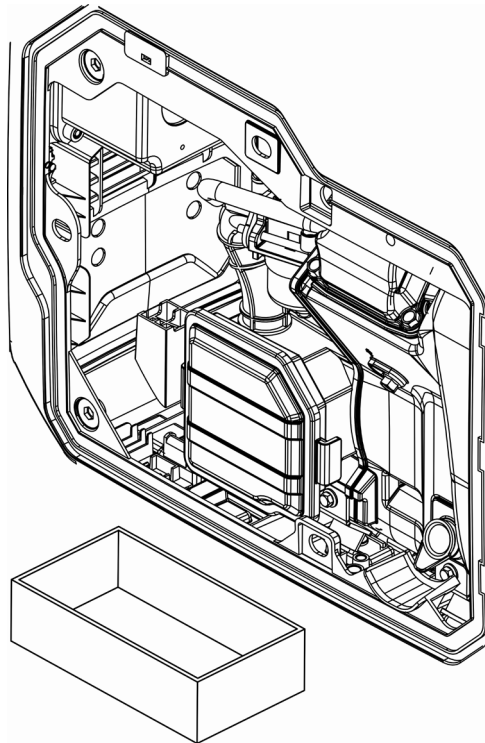
1. Make sure the storage area without excessive humidity and dust.
2. Drain out of gasoline.



### WARNING

**Gasoline is explosive and flammable in the specified condition.  
Fireworks are strictly prohibited near gasoline**

3. Drain off the gasoline in the fuel tank, storing into the suitable containers.
4. Turn the engine switch to "ON" position, and loosen the carburetor drain screw to discharge gasoline inside of the suitable containers.



5. Take off the Spark Plug cap, pull the Starter handle three or four times, discharge the gasoline from the fuel pipe and carburetor.
6. Turn the engine switch to "OFF" position, and tighten the drain screw of carburetor.
7. Re-install the Spark Plug cap.

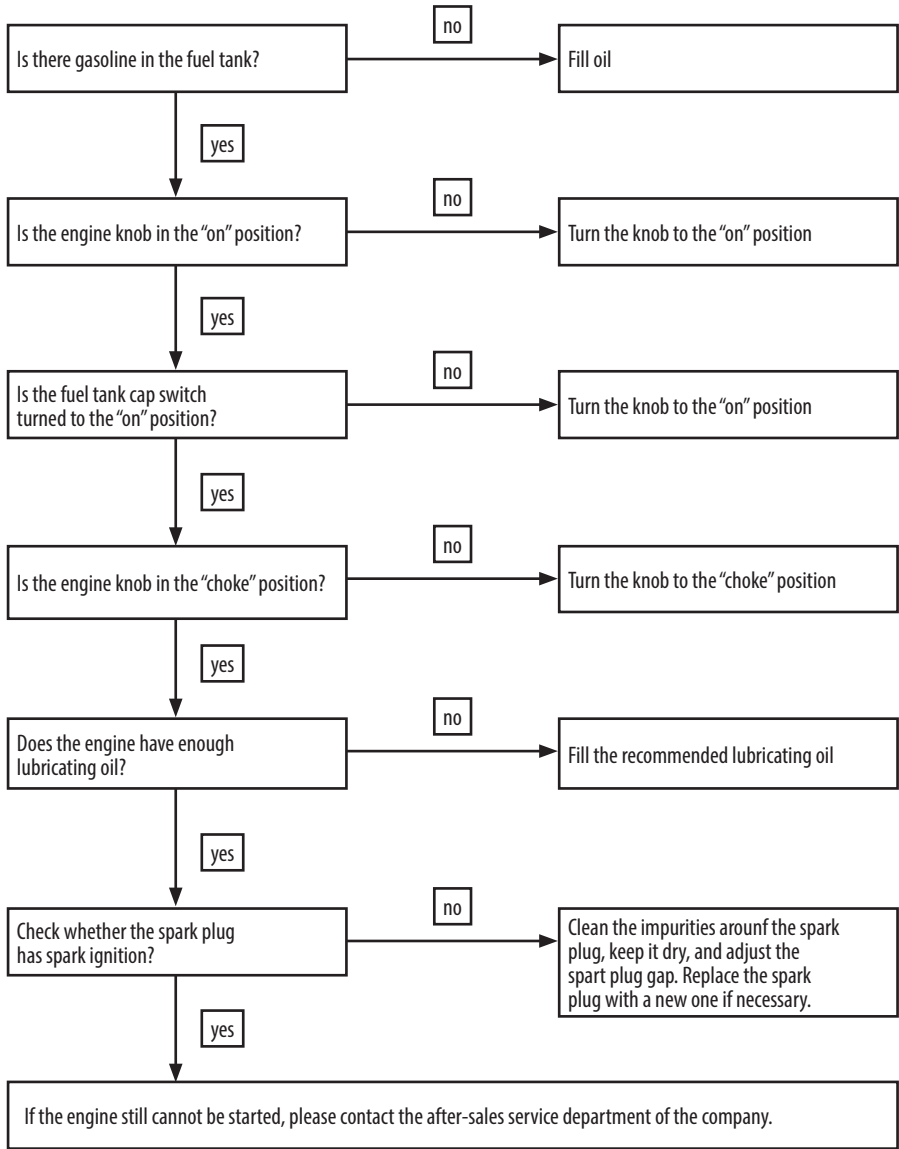
## **8.2 Change the engine oil**

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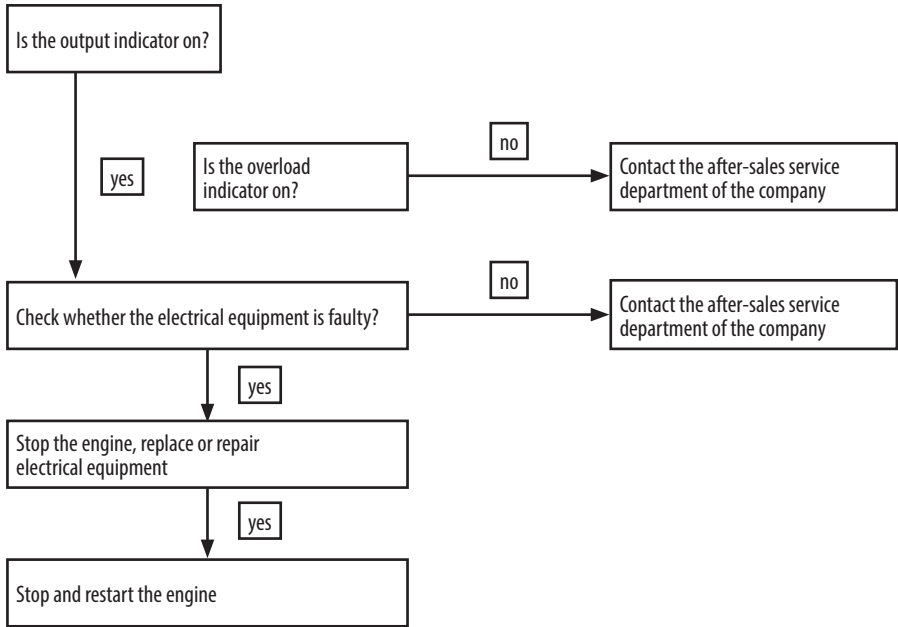
1. Remove the spark plug, and fill 10-20ml clean engine oil into the cylinder. Slowly pull up the handle and run the engine for several revolutions to evenly distribute the oil, and then reinstall the spark plug.
2. Pull the Starter handle slowly till resistance is felt. At this point, the piston is coming up on its compression stroke and both the intake and exhaust valves are closed. In this position, it helps to protect the engine from internal corrosion.

## 9. COMMON TROUBLESHOOTING

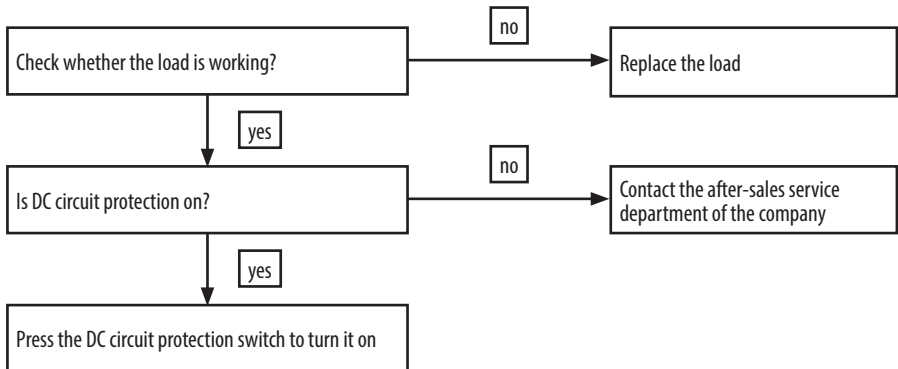
### Engine does not start:



**The equipment connected to the generator cannot be started:**



**No current in DC socket:**



## 10. TECHNICAL SPECIFICATIONS

	Specifications	Parameters			
	Type	4-stroke, overhead valve, single cylinder, forced-air cooling			
	Engine Displacement(cm <sup>3</sup> )	79.8	97.7	121.6	174
	Bore*Stroke (mm)	48.6*43.0	52*46.0	60*43.0	68*48.0
	Compression Ratio	9.5:1	9.5:1	9.5:1	9.2:1
	Ignition System	Full transistor			
	Start System	Recoil start			
	Fuel Type	Gasoline without lead			
	Oil Model	SE 10W-30			
	Model	2250iS/E	2750iS/E	3150iS/E	4350iS/E
	Frequency(Hz)	50/60	50/60	50/60	50/60
	Rated Voltage(V)				
	Rated Current(A)				
	Rated Output Power(kW)	As in product marking label			
	Max. Output Power(kW)				
<b>GENERATOR</b>	Rated Speed(min-1)	4800	4800	4800	4800
	DC Output	12V, 8.3A	12V, 8.3A	12V, 8.3A	12V, 8.3A
	Fuel Tank Volume(L)	4.0	4.0	6.0	8.0
	Continuous Running Time (h)	4(Rated power)	3(Rated power)	4(Rated power)	4(Rated power)
	Fuel Consumption(g/(kW.h))	≤500			
	Working Ambient Temperature (°C)	-5~40			
	Noise(dBA/7m)LpA*	67	68	70	74
	Net Weight (kg)	18	18.5	20.5	26/27

**The volume of the gasoline tank may vary depending on the type of machine.**

During the noise test, the generator is in energy-saving mode and the energy-saving switch is "energy-saving"

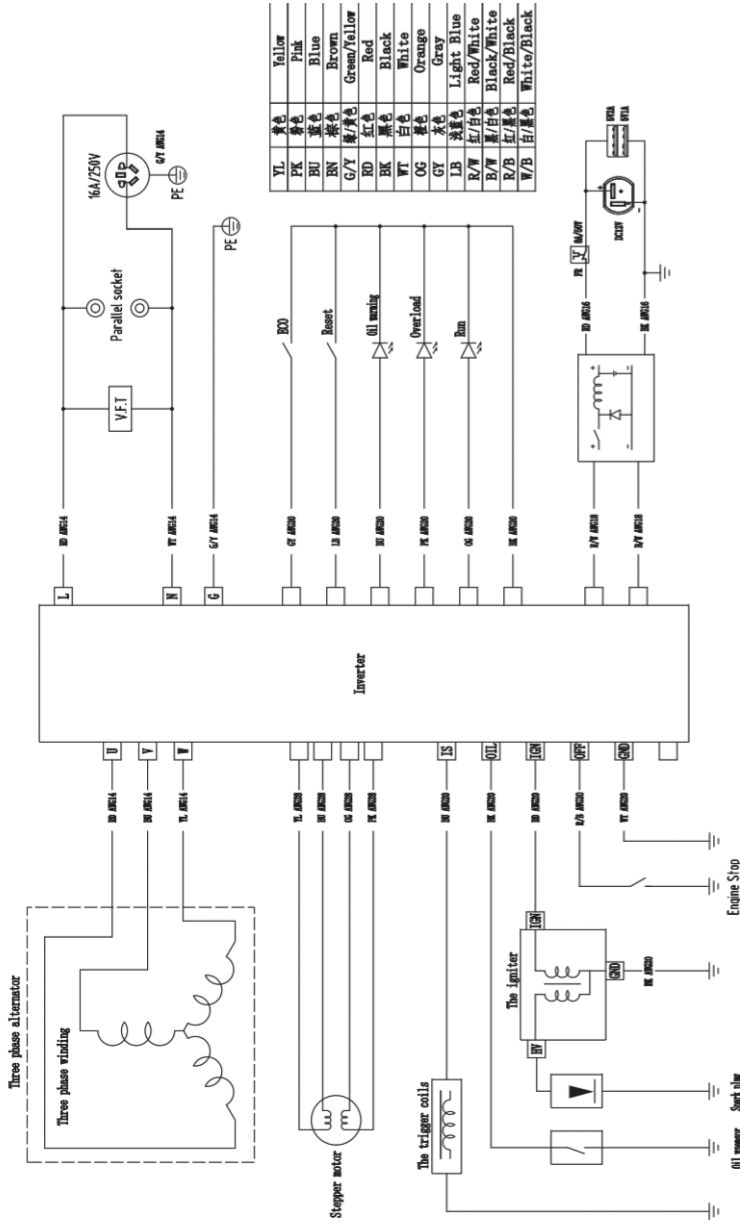
\* LWA shall test the sound power guarantee value at 4m according to the hemispherical method of 2000 / 14 / EC.

\*\* LPA is the measured sound pressure value 7m away from the unit and tested in four directions from no-load to full load.

The noise value of the unit is different in different environments.

# 11. ELECTRICAL DIAGRAMS

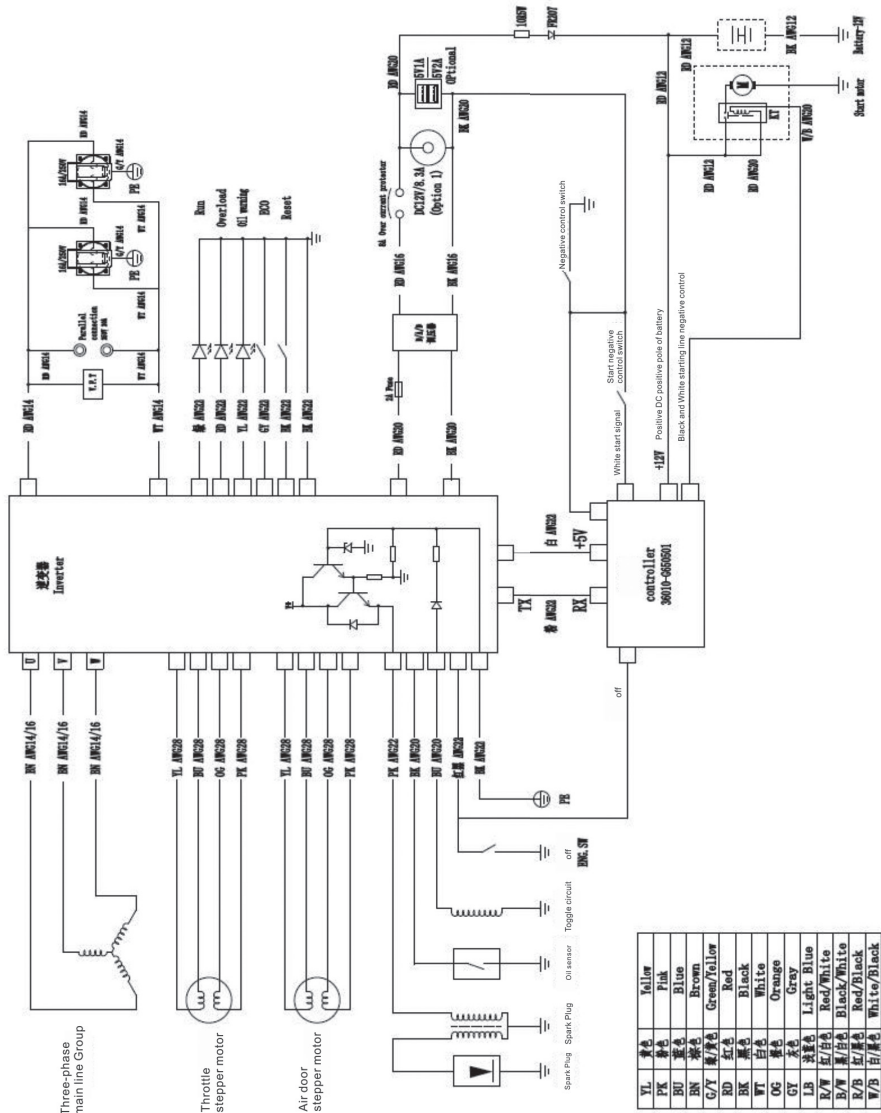
## 11.1 Manual Start







### 11.3 Remote control startup



## 12. APPENDIX

### 12.1 Environment Correction

#### The standard condition of rated power output

Altitude 0m, Ambient temperature 25 °C, Relative humidity 30%

#### Factor of environment correction

Altitude(m)	Ambient temperature °C				
	25	30	35	40	45
0	1	0.98	0.96	0.93	0.90
500	0.93	0.91	0.89	0.87	0.84
1000	0.87	0.85	0.82	0.80	0.78
2000	0.75	0.73	0.71	0.69	0.66
3000	0.64	0.62	0.6	0.58	0.56
4000	0.54	0.52	0.5	0.48	0.46

Relative humidity 60% , correction factor C-0.01

Relative humidity 80% , correction factor C-0.02

Relative humidity 90% , correction factor C-0.03

Relative humidity 100% , correction factor C-0.04

#### Example:

Rated power 1.6KW generator

Altitude: 1000m

Ambient temperature: 35°C

Relative humidity: 80%

#### Rated Output Power:

$$P = P_n * (C - 0.02) = 1.6 * (0.82 - 0.02) = 1.28 \text{KW}$$

## **TECHNICAL SPECIFICATIONS**

### **12.2 Noise Pollution**

**Noise pollution measure according to GB 2820-10, EN ISO 3744,  
European Directive 2000/14/EC and amendment 2005/88/EC**

Model of generator set:	2250iS/E	2750iS/E	3150iS/E	4350iS/E
Sound Pressure Level:	69 dB(A)	73 dB(A)	73 dB(A)	77 dB(A)
Sound Power Level:	89 dB(A)	93 dB(A)	93 dB(A)	97 dB(A)

Measurement Uncertainty K: 1.7 dB(A)

The quoted figures are emission levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this cannot be used reliably to determine whether or not further precautions are required. Factors that influence the actual level of exposure of work-force include the characteristics of the work room, the other sources of noise, etc, i.e. the number of machines and other adjacent processes, and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary from county. This information, however, will enable the user of the machine to make a better evaluation of the hazard and risk.

## **13. AFTER SERVICE INFORMATIONS**

If you have any questions, please contact our service department  
at the e-mail address: [serwis@jbffp2.pl](mailto:serwis@jbffp2.pl)







**JB Mask sp. z o.o.**

Johanna Straussa 2/1

52-129 Wrocław

[www.jbfff2.com](http://www.jbfff2.com)

[info@jbfff2.com](mailto:info@jbfff2.com)

+48 603 193 596

+48 506 158 991